Journal of Fluid Mechanics Volume 415 **25 July 2000**

Editorial		i
S. Arendt & D. C. Fritts	Acoustic radiation by ocean surface waves	1
K. M. Tacina & W. J. A. Dahm	Effects of heat release on turbulent shear flows. Part 1. A general equivalence principle for non-buoyant flows and its application to turbulent jet flames	23
W. C. Reade & L. R. Collins	A numerical study of the particle size distribution of an aerosol undergoing turbulent coagulation	45
A. Javam, J. Imberger & S. W. Armfield	Numerical study of internal wave–wave interactions in a stratified fluid	65
A. Javam, J. Imberger & S. W. Armfield	Numerical study of internal wave–caustic and internal wave–shear interactions in a stratified fluid	89
L.-P. Wang, A. S. Wexler & Y. Zhou	Statistical mechanical description and modelling of turbulent collision of inertial particles	117
J. F. Meirink & V. K. Makin	Modelling low-Reynolds-number effects in the turbulent air flow over water waves	155
Y. P. Guo, M. C. Joshi, P. H. Bent & K. J. Yamamoto	Surface pressure fluctuations on aircraft flaps and their correlation with far-field noise	175
R. G. A. Bowles & F. T. Smith	Lifting multi-blade flows with interaction	203
S. Ghosal & L. Vervisch	Theoretical and numerical study of a symmetrical triple flame using the parabolic flame path approximation	227
F. Porté-Agel, C. Meneveau & M. B. Parlange	A scale-dependent dynamic model for large-eddy simulation: application to a neutral atmospheric boundary layer	261
N. L. Komarova & A. C. Newell	Nonlinear dynamics of sand banks and sand waves	285
S. R. Clarke & R. H. J. Grimshaw	Weakly nonlinear internal wave fronts trapped in contractions	323
BOOK REVIEW		
Boundary Layer Theory, 8th Edn, by H. Schlichting & K. Gersten		346
SHORT NOTICE		346
INDEX TO VOLUME 415		348

CAMBRIDGE UNIVERSITY PRESS

Cambridge Journals Online
www.journals.cup.org

0022-1120(200007)415;1-A